

Date: Thu, 8 Sep 94 04:30:18 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #298
To: Ham-Digital

Ham-Digital Digest Thu, 8 Sep 94 Volume 94 : Issue 298

Today's Topics:

8bit PMS for TNC-2
CODECs and VOCODERS for digital speech
Digital Radio sources (2 msgs)
Ham-Digital Digest V94 #297
High speed protocol machine?!
mobile TNC? (4 msgs)
Packet Ready Radios
Packet with a TH-78A?-How fast?
RTTY help
Term program wanted for Mac

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 7 Sep 1994 09:38:34 GMT
From: agate!howland.reston.ans.net!EU.net!news.eunet.fi!news.spb.su!
satisfy.kiae.su!kiae!relcom!push.stack.serpukhov.su!stack.serpukhov.su!
victor@ames.arpa
Subject: 8bit PMS for TNC-2
To: ham-digital@ucsd.edu

Hello ALL

My friend RA3PBQ ask me to help with NEW ROM's firmware for TNC-2 clone.
He have problem with PMS - PMS work with 7-bit only (hight bit's striped)
and he can't use alternative Russian code. (Problem's with PMS only.)
If you know about NEW free vs for TNC-2, PSE let me know.

73! de RX3DIN Victor

Date: 8 Sep 94 04:15:13 GMT
From: news-mail-gateway@ucsd.edu
Subject: CODECs and VOCODERS for digital speech
To: ham-digital@ucsd.edu

I'm interested in using digital speech encoding to link some repeater systems together with toll-quality audio and using links of about the same bandwidth as analog voice circuits. Any pointers to suitable CHEAP vocoders/codecs and suchlike would be appreciated. (So far the cheapest chipsets cost around \$150 or so and I'd really like to do it for less than that if I can!)

- Brian

Date: Wed, 7 Sep 1994 19:05:18 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!newshub.nosc.mil!avalon.chinalake.navy.mil!gawain.chinalake.navy.mil!jan@network.ucsd.edu
Subject: Digital Radio sources
To: ham-digital@ucsd.edu

Along this line, has anyone ever pushed a Mitrek or any other readily available radio to 38.4 k baud? I'm eyeing the new Paccomm SPRINT-2, and it can do G3RUH modulation all the way to 57.6k baud. Just what kind a radios can do this?

73, jan
kc6uth

Date: 7 Sep 1994 15:00:23 GMT
From: netcomsv!ix.netcom.com!netnews@decwrl.dec.com
Subject: Digital Radio sources
To: ham-digital@ucsd.edu

All,

Anyone point me in a direction for a source of Motorola Mitrek radios? I would like to convert some for digital use and can't seem to find a source. Any help would be appreciated.

Also, am looking for used Kantronics Data Engines. Will pay shipping and going rate for working units with or without modems.

Thanks, and please email to address listing below...

Alan Adamson
ne1h@ne1h.radio.org

Date: 7 Sep 94 17:38:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ham-Digital Digest V94 #297
To: ham-digital@ucsd.edu

unsubscribe

Date: 7 Sep 1994 17:46:50 GMT
From: newsgw.mentorg.com!wv.mentorg.com!hanko@uunet.uu.net
Subject: High speed protocol machine?!
To: ham-digital@ucsd.edu

In article <barry.2.2E6CD887@dgbt.doc.ca>, barry@dgbt.doc.ca (Barry McLarnon) writes:

|> In article <9409050824.AA06632@ulk.electrum.kth.se> pme@it.kth.SE writes:
|> >From: pme@it.kth.SE
|> >Subject: High speed protocol machine?!
|> >Date: 5 Sep 94 08:24:52 GMT
|>
|> >Im looking for a TNC that could handle fast data a lot better
|> >than a TNC2. Im running 2 pair of TNC2 at ttl levels in 19200 bit/s, and I
|> they
|> >cant fill the "air" with data. About 10% of the channel capacity
|> >usage. And the parameters are at optimum. No TX delays and
|> >so on. I have heard about a TNC3 with a 68302 CPU, and
|> >about a 8530 with DMA for ISA bus. What about them ?
|> >Any one there running them? And where do I order ?
|> >Havn't seen them i QST, think it may be a Germany system.
|> >By the way I thing the 8530 card is called PI2.
|>
|> That's the Ottawa PI2 card. For more info, send mail (any subject/text) to:
|>
|> pi-info@hydra.carleton.ca
|>

|> Barry VE3JF
|>
|>

There is the Kantronics Data Engine, of course ...

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

Date: Wed, 7 Sep 1994 20:06:50 GMT
From: wang!dbushong@uunet.uu.net
Subject: mobile TNC?
To: ham-digital@ucsd.edu

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>Is there any such beast as a mobile-mount 12VDC packet
>TNC? Hopefully something the size of a mobile mount
>xcvr or smaller.

If you can get a copy, I wrote an article in July 1989 CQ magazine
that discusses mobile packet radio and some possible mounting
solutions.

Did you want to actually mount it under the dash, or do you have some
other place chosen? Is it a car, truck, or van?

Post your results if anything interesting happens.

Regards, and 73,
Dave, KZ10

--

Dave Bushong
OPEN/image Recognition Products

Date: Wed, 07 Sep 94 07:41:28 EDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!udel!news.sprintlink.net!
mv!lmr!rapp@network.ucsd.edu

Subject: mobile TNC?
To: ham-digital@ucsd.edu

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

> Is there any such beast as a mobile-mount 12VDC packet
> TNC? Hopefully something the size of a mobile mount
> xcvr or smaller.

PacComm's Tiny TNC is pretty small. Would that do for you?

Larry W1HJF

L. M. Rappaport & Associates, Inc. rapp@lmr.mv.com voice +1 603 237 8400
Colebrook, NH 03576-0158 CIS 72427,2567 fax +1 603 237 8430

Date: 7 Sep 94 07:49:13 MDT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!news.cs.utah.edu!cc.usu.edu!
radar.safb.af.mil!greg@network.ucsd.edu
Subject: mobile TNC?
To: ham-digital@ucsd.edu

>Is there any such beast as a mobile-mount 12VDC packet
>TNC? Hopefully something the size of a mobile mount
>xcvr or smaller.
>
>TinA

You might try the Kantronics KPC-3 or their new KPC-9612. Both are quite small and can be powered by a standard 9 volt battery. The KPC-3 (the one I have) can also accept DC power from 7.5 volts to 15 volts, so powering it off of the 13.8 in your car is possible.

Hope that helps,
73, Greg
PBBS: N9PBD @ N9OMD.#SIL.IL.USA.NA
TCP/IP: n9pbd@n9pbd-2.ampr.org [44.46.66.29]
Internet: 15sms24.hqamc@mhs.safb.af.mil

Date: Wed, 07 Sep 94 14:23:51 GMT
From: netcomsv!netcomsv!skyld!janguis@decwrl.dec.com
Subject: mobile TNC?

To: ham-digital@ucsd.edu

In article <34i2lc\$1hk@thecourier.cims.nyu.edu> jackson@longlast.cs.nyu.edu writes:

> Is there any such beast as a mobile-mount 12VDC packet
> TNC? Hopefully something the size of a mobile mount
> xcvr or smaller.

If you can tolerate it being *much* smaller than most mobiles, try the Kantronics KPC-3. Takes almost no power at all and is about the size of a pack of Player Cigarettes.

| | |
|--|------------------------------|
| Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM | "You have a flair for adding |
| Internet: jangus@skyld.grendel.com | a fanciful dimension to any |
| US Mail: PO Box 4425 Carson, CA 90749 | story." |
| Phone: 1 (310) 324-6080 | Peking Noodle Co. |

Hate "Green Card Lottery"? Want to help curb ignorant crossposting on Usenet? E-mail ckeroack@hamp.hampshire.edu for more information, or read news.groups.

Date: 7 Sep 1994 17:13:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Packet Ready Radios
To: ham-digital@ucsd.edu

I am seriously thinking about getting a new Icom IC-281H, the 9600 baud 2m packet ready radio. Does any one have any experience with this radio, and how well it performs? Thanks..73's!

Joe N9YJZ

One more thing, Could someone please tell me where 9600 TCP/IP backbones are usually located..(the freq. if possible.) Thanks!

Date: 7 Sep 1994 15:39:10 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!news.byu.edu!
news@network.ucsd.edu
Subject: Packet with a TH-78A?-How fast?
To: ham-digital@ucsd.edu

I am considering getting into packet with my TH-78A (it's all I can afford). What has been your experience? How fast can you go? 1200, 2400,

or 9600 (on 440)? Experience any problems? What do you do to toggle transmit/recieve? I haven't a clue as to what other have done or are doing so any and all comments would be appreciated. Thanks!

73,

--

Vince Hadley |
KA7GVQ |
hadleyv@bones.et.byu.edu |

Date: 7 Sep 1994 23:00:17 -0000
From: news.delphi.com!news.delphi.com!not-for-mail@uunet.uu.net
Subject: RTTY help
To: ham-digital@ucsd.edu

I have a TS450 transceiver which has FSK mode. It seems to be able to Generate RTTY tones. I just need some equipment to encode/decode the tones. Any sources on used/new equip. would be ver helpful.

73's

-Andrew

Date: 7 Sep 1994 08:35:44 -0700
From: odin.community.net!odin.community.net!not-for-mail@uunet.uu.net
Subject: Term program wanted for Mac
To: ham-digital@ucsd.edu

I am looking for a shareware or free ware terminal program for my macintosh performa 630cd it runs system 7.1.2p I have installed soft kiss and tried to run it with a lan line terminal program as it suggested bu I have so fare bein un able to make it work, I am using pafcom for the term program. The soft kiss program also suggest usaing a program called Mac/Net, I have so fare bein unable to find it on the net. For a tnc I;m using the BayPac tnc from tiger tronics, any help would be apreiceiative, please e-mail me directly.

-Micah-

End of Ham-Digital Digest V94 #298
